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November 7, 2005

Project No. 08BP.05350.06

Well Permit Desk
County of San Diego, Department of Environmental Health
Land and Water Quality Division
P.O. Box 129261
San Diego, California 92112-9261

Subject: Well Destruction Report
ARCO Facility No. 5350
3804 Plaza Boulevard
Oceanside, California 92056
APN 168-012-17-00
SAM Case No. H20645-001
Well Destruction Permit No. LMON103425

Dear Sir or Madam:

On October 19 and 20, 2005, SECOR International Incorporated (SECOR), on behalf of Atlantic Richfield Company, supervised the destruction of six monitoring wells at the subject site (Figure 1). A well destruction permit was issued by the County of San Diego, Department of Environmental Health, Land and Water Quality Division (LWQD) on September 29, 2005. The wells were destroyed in response to receiving site closure of case number H20645-001 from the County of San Diego Department of Environmental Health, Site Assessment and Mitigation Program (SAM) in its letter, dated October 13, 2005. Details of the well destruction activities are presented below.

TestAmerica Drilling destroyed six wells on the site. Five wells (MW-2 through MW-6) were destroyed using a CME 75 drill rig equipped with 10-inch outer diameter (OD) hollow stem augers (HSAs). MW-1 was destroyed using a limited access rig equipped with a CME 75 engine and with 10-inch OD HSAs. The wells were destroyed by drilling out each well to approximately one-half foot below the bottom of the well. All well materials were removed. Each borehole was backfilled with bentonite grout from the bottom of each borehole to approximately 4 feet below ground surface (bgs), sealed with hydrated bentonite chips, and capped with concrete.

The approximate quantities of materials used to backfill the well boreholes were as follows:

Well Number	Borehole Diameter (inches)	Approx. Boring Depth (feet bgs)	Approx. Well Depth (feet bgs)	Hydrated Bentonite chips (cubic feet)	Bentonite grout (cubic feet)	Concrete (cubic feet)
MW-1	10	35.5	35	1.0	18	7.5
MW-2	10	35.5	35	1.0	18	3.5
MW-3	10	35.5	35	1.0	18	3.5
MW-4	10	31.5	31	1.0	16	3.5
MW-5	10	31.5	31	1.0	16	3.5
MW-6	10	31.5	31	1.0	16	3.5

bgs = below ground surface

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A site plan and copy of the well permit cover sheet are enclosed. If any additional information is required, please contact the undersigned.

Respectfully submitted,

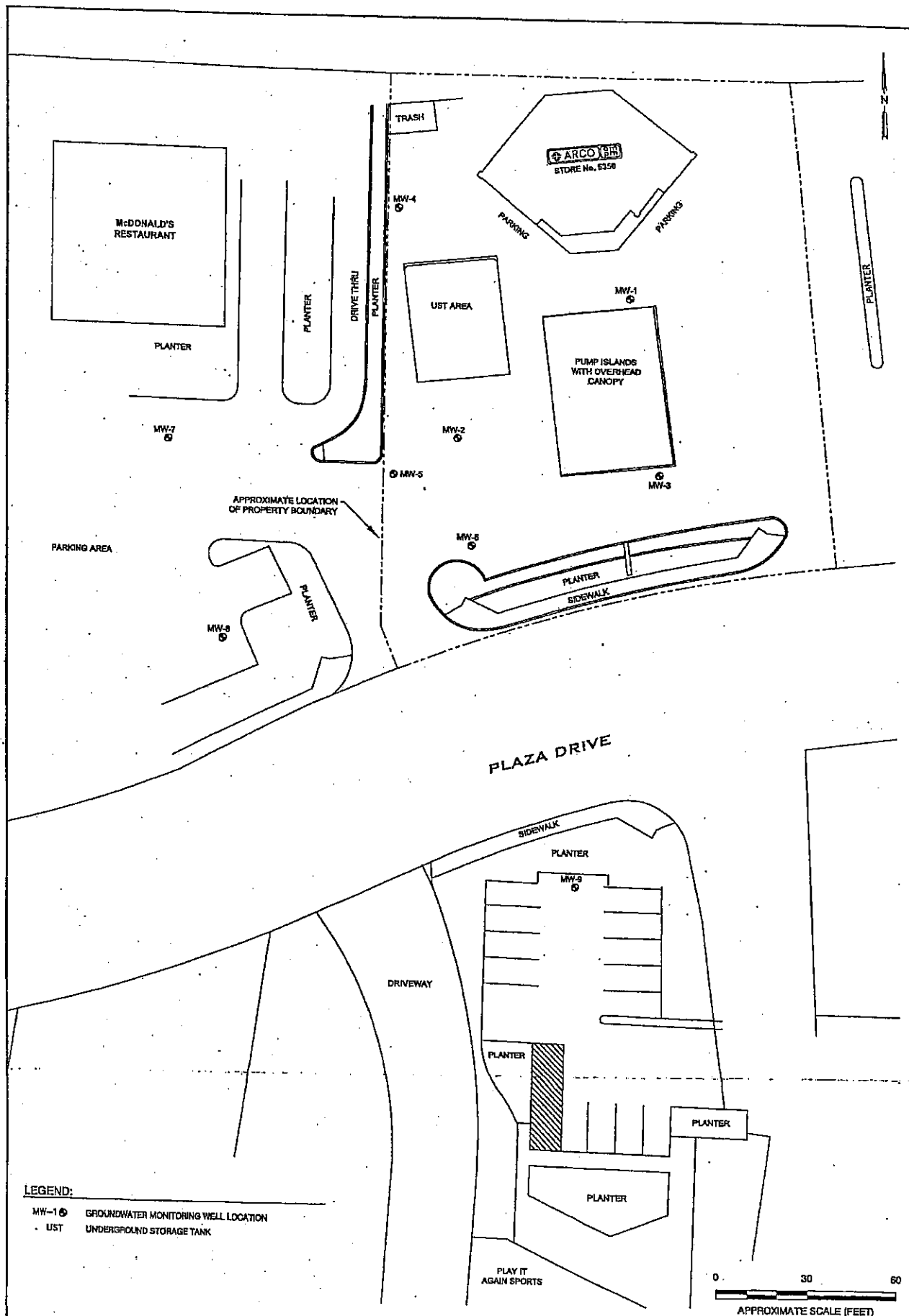
SECOR International Incorporated


Pamela Lehman (for Imani Cummings)
Imani Cummings
Staff Scientist

Kurt R. Myers
Kurt R. Myers, CEG 1790
Senior Geologist

cc: Mr. Danny Martinez – County of San Diego SAM
Mr. Manuel Marquez – TestAmerica Drilling

Enclosures: Figure – Site Plan
DEH Well Destruction Permit Cover Sheet



 SECOR 2655 CAMINO DEL RIO NORTH, SUITE 202 SAN DIEGO, CALIFORNIA PHONE: (619) 296-6183/296-6189 (FAX)	FOR:	ARCO FACILITY #5350 3804 Plaza Drive Oceanside, California		SITE PLAN		FIGURE:
	JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:	
	08SP.05350.05	RJD	MW	KRM	2/11/05	

Kurt



PERMIT #LMON103425
A.P.N. #168-012-17-00
EST # H20645

**COUNTY OF SAN DIEGO
DEPARTMENT OF ENVIRONMENTAL HEALTH
LAND AND WATER QUALITY DIVISION
MONITORING WELL PROGRAM**

RECEIVED

OCT 04 2005

SECOR INTERNATIONAL

MONITORING WELL DESTRUCTION PERMIT

SITE NAME: ARCO STATION #5350

SITE ADDRESS: 3804 PLAZA DR, OCEANSIDE, 92056

PERMIT TO: DESTROY 6 MONITORING WELLS (MW-1, MW-2, MW-3, MW-4, MW-5, MW-6)

PERMIT APPROVAL DATE: 09/29/05

PERMIT EXPIRES ON: 01/27/06

RESPONSIBLE PARTY: BP WEST COAST PRODUCTS LLC

PERMIT CONDITIONS:

1. All material within the original borehole, which includes the casing, filterpack and annular seal, must be removed. The borehole must be completely filled with an approved sealing material as specified in Department of Water Resources Bulletin 74-90.
2. All water and soil resulting from the activities covered by this permit must be managed, stored and disposed of as specified in the SAM Manual in Section 5, II, E- 4. (http://www.sdcountry.ca.gov/deh/lwg/sam/manual_guidelines.html). In addition, drill cuttings must be properly handled and disposed in compliance with the Stormwater Best Management Practices of the local jurisdiction.
3. Within 60 days of completing work, submit a well destruction report, including description of the method of destruction, type and volume of materials used (in cubic feet) to the Monitoring Well Permit Desk. This report must include all items required by the SAM Manual, Section 5, Pages 5-7.
4. This office must be given 48-hour notice of any drilling activity on this site and advanced notification of drilling cancellation. Please contact the Well Permit Desk at 619) 338-2339.

NOTE: This permit does not constitute approval of a work plan as defined in Section 2722 of Article 11 of C.C.R., Title 23. Work plans are required for all unauthorized release investigations in San Diego County.

APPROVED BY: _____

VERONICA TAVIZON-HITCHNER

DATE: 09/29/05

NOTIFIED: 9/29/05